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(54) Title: HETEROCYCLIC DIHYDROPYRIMIDINES AS POTASSIUM CHANNEL INHIBITORS

(57) Abstract: Novel heterocyclic dihydropyrimidine compounds useful as inhibitors of potassium channel function (especially inhibitors of the $K_v1$ subfamily of voltage gated $K^+$ channels, especially inhibitors $K_v1.5$ which has been linked to the ultra-rapidly activating delayed rectifier $K^+$ current $I_{Kur}$), methods of using such compounds in the prevention and treatment of arrhythmia and $I_{Kur}$-associated conditions, and pharmaceutical compositions containing such compounds.